

Coaxial Bandpass Filter

5.25 GHz/SMA Female/SMA Male

Model: TLBF-5G25-600M-E-Cryo

TLBF-5G25-600M-E-Cryo is a coaxial bandpass filter with a passband Center frequency 5.25 GHz . The nominal insertion loss of the filter is 1.2 dB and the typical rejection is 70 dB.

Features:

- Passband Center Frequency:5.25 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

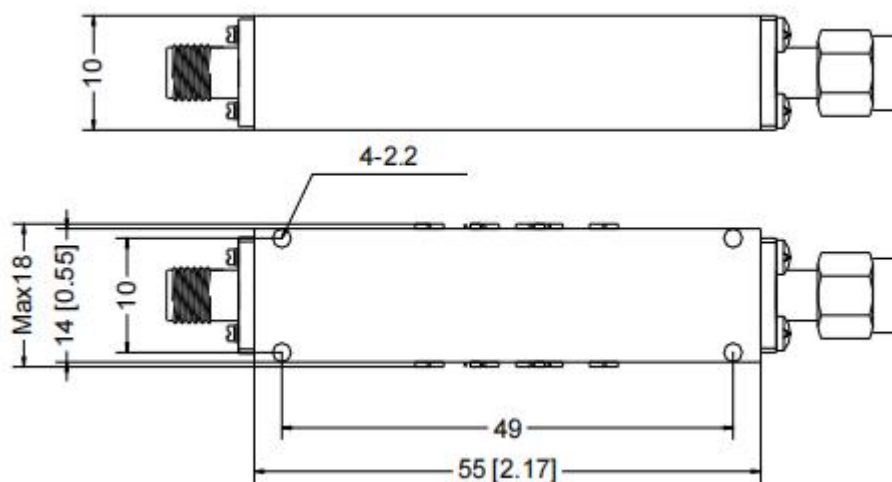
Parameter	Min	Typ	Max	Units
Passband Center Frequency		5.25		GHz
Band Width			600	MHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple	0.4			dB
Group Delay Flatness	1.3			NS
Rejection	>70dB@DC-4.25Ghz 6.05Ghz			dB
Power Handling			15	W
Input VSWR			1.3	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Connectors	SMA Female/SMA Male	
Size	55*18*10	mm

Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-5G25-600M-E-Cryo	Coaxial Bandpass Filter, Passband Center Frequency: 5.25GHz, Passband Insertion Loss: 1.2dB, SMA Female/SMA Male	Rev.1.0

Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.